SHARP®

LC-80LE650U

80" CLASS (DIAGONAL) LED TV

6 SERIES LED SMART TV

AQUOS 1080p LED DISPLAY
Breathtaking HD images, greater brightness and contrast

SMART TV
With Dual-Core Processor and built-in Wi-Fi

120Hz REFRESH RATE
Precision clarity during fast-motion scenes

SLIM DESIGN

POWERFUL 20W AUDIO
High fidelity with Clear Voice

Think GREEN

ENERGY STAR

AQUOS

Big, bold and brainy - the LE650U series is an LED Smart TV that delivers legendary AQUOS picture quality and unlimited content choices, seamless control, and instant connectivity through SmartCentral™. The AQUOS 1080p LED Display dazzles with advanced pixel structure for the most breathtaking HD images, a 4 million: 1 dynamic contrast ratio, and a 120Hz refresh rate for precision clarity during fast-motion scenes. A Smart TV with Dual-Core processor and built in WiFi, the LE650U series lets you quickly access apps streaming movies, music, games, and websites.

AQUOS® 1080p LED DISPLAY

AQUOS® 1080p LED Display with an advanced pixel structure for the most breathtaking HD images and 4 million: 1 contrast ratio

SmartCentral™ SMART TV

Unlimited content, control, and instant connectivity. AQUOS® TVs with SmartCentral™ give you more of what you crave. From the best streaming apps, to the easiest way to channel surf and connect your devices, it's that easy.

120Hz

Delivers crystal-clear images even during fast-motion scenes.

SHARP®

LC-80LE650U

80" CLASS (DIAGONAL) LED TV

TECHNICAL SPECIFICATIONS

PANEL SPECIFICATIONS

Quattron™ Technology	-
Quad Pixel Plus 2	-
Display Panel Type	LCD
Backlight Type Source	LED-Edge Lit
Maximum Resolution	1920 x 1080, Full HD
Aspect Ratio	16x9
Dynamic Contrast Ratio	4,000,000:1
Refresh Panel Rate	120Hz
Refresh Scanning Rate	-
Super Bright™	-

BROADCAST SYSTEM

Analog	NTSC
Digital	ATSC/QAM

BEZEL & TABLE STAND

Narrow Bezel	Yes
Slim Profile	Yes
Bezel Color	Black
Stand Color	Black
Stand Type	Fixed

SPECIAL FEATURES

Wall Paper Mode	Yes
Gaming Mode	Yes
Vintage Movie mode	-
AQUOS Advantage^{SM} Live	Yes

VIDEO

Optical Picture Control (OPC)	Yes
Enhanced Noise Reduction	Yes

AUDIO

Speakers (channel)	2
Speaker Location	Bottom, Down Firing
Speaker Output Power	10 W +10W
Auto Volume Control	Yes
Clear Voice	Yes
Simulated Surround	Yes
Headphone Jack	–
Wall Mount Setting	Yes

AV INPUTS/OUTPUTS (#, LOCATION)

RS-232C	1
PC In (1-15 pin D-sub)	1
Total USB Input(s)	2
USB feature	Photo/Music/Video/Software Update
Total HDMI Input(s)	4
ARC (Audio Return Channel)	Yes (HDMI 1)
MHL	Yes (HDMI 4)
RF in (Antenna/Cable)	1
Component Video Input(s)	1
Composite Video Input(s)	2
Audio Input(s)	4
Audio Output(s)	1
Digital Audio Output	Optical

CONNECTIVITY

Ethernet	Yes
Built-in Wireless	Yes (801.11 a/b/g/n)
IP Control	Yes
Bluetooth	-

SMART

Smart Apps	Yes
Dual Core Processor	Yes
Remote Control Apps (iOS/Android)	Yes
Web Browser	Yes
Web+TV Split Screen	Yes
Skype (FREETALK® TV Camera sold separately)	Yes
DLNA Certified®	Yes
MHL Compatible	Yes

CONVENIENCE FEATURES

Remote Type	Universal
Child Lock	Yes
Sleep Timer	Yes
Closed Caption	Yes
V-Chip	Yes
Language (English/French/Spanish)	Yes

POWER

Power Source (Voltage, Hz)	AC 120V, 60Hz
ENERGY STAR® Qualified (version 6.0)	Yes

3D

Type	-
Bluetooth 3D Glasses	-

WALL MOUNT

VESA Compliant	Yes (400mm x 400mm)

DIMENSIONS/WEIGHT & UPC

Excluding stand (w x h x d)	1827 mm x 1085 mm x 86 mm 71-15/16" x 42-23/32" x 3-25/64"
Including stand (w x h x d)	1827 mm x 1109 mm x 445 mm 71-15/16" x 43-43/64" x 17-17/32"
Shipping (w x h x d)	78-3/4" x 48-1/8" x 11-3/8"
Product Weight Excluding Stand	52.5 kg / 115.7 lbs
Product Weight Including Stand	56.5 kg / 124.6 lb
Shipping Weight	70.5 kg / 155.4lb

WARRANTY

Parts	1 year limited
Labor	1 year limited
UPC	074000373860

*1 Contact your local cable or satellite service provider for available HDTV.
*2 As an ENERGY STAR® partner, Sharp has determined that this product meets the ENERGY STAR guidelines for energy efficiency.
*3 See warranty statement included in the product operation manual or as a PDF download at www.sharpusa.com.

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MODEL FEATURES

PICTURE QUALITY

AQUOS LED 1080p DISPLAY
The AQUOS® 1080p LED Display with advanced pixel structure brings you the most breathtaking HD images. Using photo-alignment technology that's precision crafted to let more light through in bright scenes and shut more light out in dark scenes, the AQUOS 1080p LED Display with a 12 million: 1 contrast ratio creates a picture so real you can see the difference.

120Hz REFRESH RATE
See sharper, electrifying action, with the most advanced panel refresh rates available today. 120Hz technology delivers crystal-clear images even during fast-motion scenes.

AUTO BRIGHTNESS CONTROL (OPC)
Automatically adjusts picture brightness to the light in the room. This cuts power consumption, while giving you a more beautiful–and comfortable–picture to watch.

SMART

SMARTCENTRAL™
Sharp's intuitive SmartCentral™ lets you quickly connect to your favorite content. Working through built-in Wi-Fi, you can instantly access apps, streaming movies, music, games, and websites you love. Now that's smart.

DUAL-CORE PROCESSOR
Dual-core processing means faster load times for apps and the web browser. So you spend less time waiting and more time enjoying.

MOST POPULAR APPS
From instant access to movies with Netflix, to videos with YouTube®, music with Pandora® and Rhapsody®, social sites like Facebook and Twitter, video and voice calls with Skype™*, and the best of gaming – what you love is only a click away. (*FREETALK® TV Camera sold separately)

WEB BROWSER
Welcome to the world's most incredible web browser: your Sharp television. Big, beautiful, super-fast, and built-in, you can now visit all your favorite sites in a window larger than life.

SPLIT-SCREEN WEB + TV
Sharp's split-screen experience lets you surf the web while you watch TV, so you never have to choose between your favorite show and your favorite site. Technology that gives you the best of television and the best of the web – that's truly the best experience.

FLASH-ENABLED
Not all browsers are created equal. Sharp lets you see stunning Flash-created animations live from your browser so that you can focus on the content, not the compatibility.

REMOTE CONTROL APP
Your remote's never out of reach with Sharp's app that lets you change the channel right from your iOS® or Android™ smartphone or tablet.

SHARP BEAM
Beam turns your smartphone into a fully functional content sharer that's simple and fun to use. Flick photos, videos, movies, and more from your smartphone or tablet to your big screen.

NETFLIX SECOND SCREEN
With Netflix Second Screen, you can browse and select the movie or show you want to watch on your smartphone and play it on your TV – instantly. Now the only thing standing between you and your favorite movies and TV shows is deciding which to watch.

BUILT-IN WI-FI
Every AQUOS® Smart TV has built-in Wi-Fi technology* that allows you to connect without the hassle of finding a cable.
(*Additional fees and/or subscriptions may apply)

HDMI®
When it comes to HD connections for your gear, the more the better. HDMI® lets you connect sources like your Blu-ray Disc™ player, cable box, and game consoles with the most advanced digital connections available today.

MHL®
An MHL® connection turns a small-screen phone into a big-screen experience. MHL delivers HD uncompressed video with up to eight channels of digital audio. Since MHL also charges the mobile device, you can power up at the same time you're connected. You can also control MHL-enabled mobile devices using your existing TV remotes to easily access and select content.

COMPATIBILITY
Sharp AQUOS® LED large screens are smarter smart TVs. They work seamlessly with virtually all your gear, from Blu-ray™ to cable boxes to gaming consoles. And with 4 HDMI® inputs, you can keep your options open.

AUTOMATIC SOFTWARE UPDATES
Television at its smartest: your AQUOS® LED TV automatically updates its software as improvements and optimizations are developed.

DESIGN

SLIM DESIGN
Fit more screen in less space. The brilliant AQUOS® LED display is embraced by a striking new frame that's thinner around the screen and slimmer in depth, so it can fit just about anywhere.

WALLPAPER MODE
This innovative feature turns a blank screen into a work of art. When the TV is turned off, Wallpaper Mode lets you display virtually any image you choose on the AQUOS® LED screen at a reduced light level that mirrors museum conditions, so your screen blends beautifully into your room's decor. All at extremely low power. You can even set on and off times.

SOUND

20W AUDIO
Big sound to complete your big-screen experience. The powerful 20W audio features high fidelity with Clear Voice, so all of your scenes sound great